

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SAUNIER, Jean-Baptiste et al.

Atty. Ref.: 2365-33

Serial No. 09/987,434

Group: 1614

Filed: November 14, 2001

Examiner:

USE OF 2-(SULPHONYLAMINO) PHENOLS AS  
COUPLERS IN OXIDATION COLOURING

\* \* \* \* \*

April 19, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Attached for the Examiner's consideration is a copy of a Preliminary Search Report received in connection with FR 0014614, which is the priority document for the present application, as well as an English translation of the Preliminary Search Report. A copy of the documents cited in the Search Report are also attached. The applicants note that GB 1 394 146 A (Henkel & Cie GmbH) relates to  $\alpha$ -cyanomethane-sulphonamido-benzene derivatives. These compounds can be used as yellow couplers in oxidation dyes in combination with conventional developer substances.

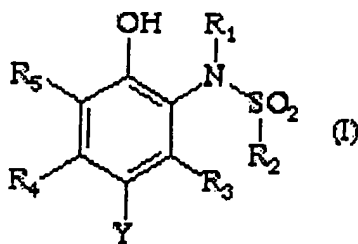
U.S. 4,975,092 A (Chan Alexander C et al) describes a process for coloring and/or conditioning hair using modified primary intermediates and/or a modified coupler containing a hydrophobic group or a group containing a cationic site amenable to reaction with an anionic surfactant.

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FR 2 788 770A (L'Oreal) discloses (claim 21) a composition for the oxidation dyeing of keratinous fibres, comprising, in a medium appropriate for the dyeing of said fibres:

at least one oxidation base;

and at least one coupler chosen from the compounds of the following formula (I):



These compounds contain at least one cationic group (page 8, lines 5-6).

Consideration of the attached and return of an initialed copy of the attached PTO-1449 Form, which lists the cited references, pursuant to MPEP §609, are requested.

The Examiner is requested to contact the undersigned if anything further is required in this regard.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_

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